

Db 241 FSVPTPHVMNRVIRASRLGSKQYQCTQVINSFYIVTRPLAFNLVSNVFPVFLGSD 300
Qy 301 HFRDMLNQLRHNFKSLTSFSRWAHELLLSFREK 334
Db 301 HFRDMLNQLRHNFKSLTSFSRWAHELLLSFREK 334

RESULT 2
US-09-943-798-4
; Sequence 4, Application US/09943798
; Patent No. US20020065215A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo Group Limited
; TITLE OF INVENTION: Polypeptide
; FILE REFERENCE: QG1021
; CURRENT APPLICATION NUMBER: US/09/943,798
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 337
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-943-798-4

Query Match 27.3%; Score 477; DB 10; Length 337;
Best Local Similarity 35.9%; Pred. No. 9.8e-34;
Matches 110; Conservative 61; Mismatches 123; Indels 12; Gaps 6;
Qy 8 NATCKNLAAEAALEKYLSIFYGIEFVVGVLGNTIVVGYIFSLKNWSSNIYLFNLSV 67
Db 23 NCTDEN-----IPLKHHLLPVYIGIIFLPGFNNAVISTIFKRPWKSTIIMLNAC 77
Qy 68 SDLAFLCTPLMLIRSYANG-NWYGDVLCISNRYVLHANLYTSILFTFISIDRYLIKY 126
Db 78 TDLLYLTSPLLIHYASGENWIFGDFMCKFIRFSFHENLYSSILFTCFISIFRYCVIHH 137
Qy 127 PFREHLLQKKEFAILISLAIWLVLTLELLPILPINPVTONGTTCNDFASSGDPNVNLI 186
Db 138 PMSCFSIHKTRCAVACAVVMIISLVAIVPMTFLTITSTNRTNRSACLDTSSDELTIKW 197
Qy 187 YSMCLTLGLFLPLFVMCFFYKALFLKQRNVATALPLEKPLNLVIMAVIFSVPFT 246
Db 198 YNLILTATTCLPLVITLCYTTI-IHTLTHGLQDSCCLK-OKARRLTILLLLAFYVCFL 255
Qy 247 PYHVMNRVIRASRLGSKQYQCT-QVINSFYIVTRPLAFNLVSNVFPVFLGSDHFRDM 305
Db 256 PFHILVRIRIESRLLS---ISCSIEHQHEAYIVSRPLAALNTGNNLLYVVVSDNFQQA 312
Qy 306 LMNQLR 311
Db 313 VCSTVR 318

RESULT 3
US-09-943-798-2
; Sequence 2, Application US/09943798
; Patent No. US20020065215A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo Group Limited
; TITLE OF INVENTION: Polypeptide
; FILE REFERENCE: QG1021
; CURRENT APPLICATION NUMBER: US/09/943,798
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-943-798-2

Query Match 22.6%; Score 395.5; DB 10; Length 276;
Best Local Similarity 35.1%; Pred. No. 7e-27;
Matches 92; Conservative 54; Mismatches 109; Indels 7; Gaps 5;
Qy 52 LKWNSSNIYLFNLSVSDLAFLCTPLMLIRSYANG-NWYGDVLCISNRYVLHANLYTSI 110
Db 1 MRPWKSSSTIIMLNACTDLDLTLSPFLIHYASGENWIFGDFMCKFIRFSFHENLYSSI 60
Qy 111 LFTFISIDRYLIKYIPFREHLLQKKEFAILISLAIWLVLTLELLPILPINPVTONGT 170
Db 61 LFTCFISIFRYCVIHHPMSCFSIHKTRCAVACAVVMIISLVAIVPMTFLTITSTNRTNRS 120
Qy 171 TCNDFASSGDPNVNLIYSMCLTLGLFLPLFVMCFFYKALFLKQRNVATALPLEKP 230
Db 121 ACLDTSSEDELTIKWYNLLTATTCLPLVITLCYTTI-IHTLTHGLQDSCCLK-OKA 178
Qy 231 LNLVIMAVIFSVPFTPYHVMNRVIRASRLGSKQYQCT-QVINSFYIVTRPLAFNLV 289
Db 179 RRLTILLLLAFYVCFLPFHILVRIRIESRLLS---ISCSIEHQHEAYIVSRPLAALNTF 235
Qy 290 INPVFYELGDHFRDMLMNQLR 311
Db 236 GNLLLYVVVSDNFQQAVCSTVR 257

RESULT 4
US-09-826-791-2
; Sequence 2, Application US/09826791
; Patent No. US20010039037A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc
; TITLE OF INVENTION: No. US20010039037A1el Polypeptide
; FILE REFERENCE: PC10914ADAM
; CURRENT APPLICATION NUMBER: US/09/826,791
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 0008504.3
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 60/198,367
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 330
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-826-791-2

Query Match 22.0%; Score 384; DB 10; Length 330;
Best Local Similarity 30.4%; Pred. No. 8.2e-26;
Matches 102; Conservative 59; Mismatches 125; Indels 50; Gaps 11;
Qy 8 NATCKNLAAEAALEKY---YLSIFYGIEFVVGVLGNTIVVGYIFSLKNWSSNIYLFN 64
Db 4 NGTFSNNNSRNTIENFKREFPPIVLLIIFFWGVGLNGLSIYVFLQPYKKSTSVNFMNLN 63
Qy 65 LSVSDLAFLCTPLMLIRSYANG-NWYGDVLCISNRYVLHANLYTSILFTFISIDRYLI 123
Db 64 LAISDLLFISTPLPRADYDLRGSNWIFGDLACRIMSYLYVNMYSYIYFTLVLSVVRFLA 123
Qy 124 IKYPPF-EHLLQKKEFAILISLAIWLVLTLELLPILPINPVTONGTTCNDFASSGDPN 182
Db 124 MVHPFRLHVTISRSAWILCGI-IWILIMASSIMLL-----DSGSEQNGSVTS---- 170
Qy 183 YNLIYSMCLTL-----LGFLIPFVMCFYFK-IALFLKQRNRQVATA 224
Db 171 -----CLELNLVKIATQTMNVIYALVVGCLLPFFLTSLCYLLIIRVLKVEVPESGLR 223
Qy 225 LPLEKPLNLVIMAVIFSVPFTPYHVMNRVIRASRLGSKQYQCTQVINSFYIVTRPLA 284
Db 224 VSHRKALTTIITLIIFLCFLFPYHTLRV---HUTTWKVGGLCKD-RLHKALVITLALA 278
Qy 285 FLNSVNPVFPVFLGDHFRDMLMNQLR--HNFKSLT 318

Db 279 AANACFNPLLYFAGENFKDRLKSLRKGHPOKAKT 314

RESULT 5

US-09-826-478-2

Sequence 2, Application US/09828478

Patent No. US20020155528A1

GENERAL INFORMATION:

APPLICANT: Xiao, Yonghong

TITLE OF INVENTION: Regulation of Human CysLT2-Like GPCR

TITLE OF INVENTION: Protein

FILE REFERENCE: 04974.00458

CURRENT APPLICATION NUMBER: US/09/828,478

CURRENT FILING DATE: 2001-04-09

PRIOR APPLICATION NUMBER: 60/195,196

PRIOR FILING DATE: 2000-04-07

PRIOR APPLICATION NUMBER: 60/254,876

PRIOR FILING DATE: 2000-12-13

NUMBER OF SEQ ID NOS: 16

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 2

LENGTH: 346

TYPE: PRT

ORGANISM: Homo sapiens

US-09-828-478-2

Query Match

Best Local Similarity 22.0%; Score 384; DB 9; Length 346;

Best Local Similarity 30.4%; Pred. No. 8,6e-26;

Matches 102; Conservative 59; Mismatches 125; Indels 50; Gaps 11;

QY 8 NATCKNWLAAEALEKX---YLSIFYGIEFVGVGNTIVVGYIFSLKNMSSNIYLFN 64

Db 20 NGTFSSNNNSNCTIENFKKEFPPIVYLIFFWGVGNGLSIYFLOPYKKSSTVNVFMNL 79

QY 65 LSVSDLAFLCTLPMLIRSYANG-NWYGDVLCISNRVYLANLYSILFLTFISIDRYLI 123

Db 80 LAISDLFLISTLPFRADYLRGSNMIFGDLACRIMSYSLVNMYSIYFLTVLSVRFLA 139

QY 124 IKYPR-EBLLQKEFAILISLAIWLVTLLEPLIPINPVITDNGTCONDPASSGDPN 182

Db 140 MHPFRLHVTIRSAMILCGI-IWILIMASSIML-----DSGSQNGSVTS---- 186

QY 183 YNLIYSMCLTL-----LGFLIPLFVWCFYYK-IALFLKORNRQVATA 224

Db 187 -----CLELNLYKIATKQTMNYIALVVGCLLPFTLSICVLLIRVLKVEVPESGLR 239

QY 225 LPLEKPLNIVMAVIFSVPFTYHVMNRVIRASRLGSWKQYCTOVINSFYIVTRPLA 284

Db 240 VSHRKALTTITITLIFLFCFLPYHTLRV---HLLTWKVGCKD-RLHKALVITLALA 294

QY 285 FLNSVINPVYFLLGDHFRDMLMNQLR--HNFKSLT 318

Db 295 AANACFNPLLYFAGENFKDRLKSLRKGHPOKAKT 330

RESULT 6

US-09-826-791-6

Sequence 6, Application US/09826791

Patent No. US20010039037A1

GENERAL INFORMATION:

APPLICANT: Pfizer Inc

TITLE OF INVENTION: No. US20010039037A1el Polypeptide

FILE REFERENCE: PC10914ADAM

CURRENT APPLICATION NUMBER: US/09/826,791

CURRENT FILING DATE: 2001-04-05

PRIOR APPLICATION NUMBER: 0008504.3

PRIOR FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: 60/198,367

PRIOR FILING DATE: 2000-04-19

NUMBER OF SEQ ID NOS: 6

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 6

LENGTH: 346

TYPE: PRT

ORGANISM: Homo sapiens

US-09-826-791-6

Query Match

Best Local Similarity 22.0%; Score 384; DB 10; Length 346;

Best Local Similarity 30.4%; Pred. No. 8,6e-26;

Matches 102; Conservative 59; Mismatches 125; Indels 50; Gaps 11;

QY 8 NATCKNWLAAEALEKX---YLSIFYGIEFVGVGNTIVVGYIFSLKNMSSNIYLFN 64

Db 20 NGTFSSNNNSNCTIENFKKEFPPIVYLIFFWGVGNGLSIYFLOPYKKSSTVNVFMNL 79

QY 65 LSVSDLAFLCTLPMLIRSYANG-NWYGDVLCISNRVYLANLYSILFLTFISIDRYLI 123

Db 80 LAISDLFLISTLPFRADYLRGSNMIFGDLACRIMSYSLVNMYSIYFLTVLSVRFLA 139

QY 124 IKYPR-EBLLQKEFAILISLAIWLVTLLEPLIPINPVITDNGTCONDPASSGDPN 182

Db 140 MHPFRLHVTIRSAMILCGI-IWILIMASSIML-----DSGSQNGSVTS---- 186

QY 183 YNLIYSMCLTL-----LGFLIPLFVWCFYYK-IALFLKORNRQVATA 224

Db 187 -----CLELNLYKIATKQTMNYIALVVGCLLPFTLSICVLLIRVLKVEVPESGLR 239

QY 225 LPLEKPLNIVMAVIFSVPFTYHVMNRVIRASRLGSWKQYCTOVINSFYIVTRPLA 284

Db 240 VSHRKALTTITITLIFLFCFLPYHTLRV---HLLTWKVGCKD-RLHKALVITLALA 294

QY 285 FLNSVINPVYFLLGDHFRDMLMNQLR--HNFKSLT 318

Db 295 AANACFNPLLYFAGENFKDRLKSLRKGHPOKAKT 330

RESULT 7

US-09-866-230-7

Sequence 7, Application US/09866230

Patent No. US20020150901A1

GENERAL INFORMATION:

APPLICANT: Murphy, Andrew, et al.

TITLE OF INVENTION: No. US20020150901A1el Nucleic Acids, Polypeptides, Methods of Maki

FILE REFERENCE: REG 771A

CURRENT APPLICATION NUMBER: US/09/866,230

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: 60/207,725

PRIOR FILING DATE: 2000-05-26

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn version 3.0

SEQ ID NO 7

LENGTH: 346

TYPE: PRT

ORGANISM: Homo sapiens

US-09-866-230-7

Query Match

Best Local Similarity 22.0%; Score 384; DB 10; Length 346;

Best Local Similarity 30.4%; Pred. No. 8,6e-26;

Matches 102; Conservative 59; Mismatches 125; Indels 50; Gaps 11;

QY 8 NATCKNWLAAEALEKX---YLSIFYGIEFVGVGNTIVVGYIFSLKNMSSNIYLFN 64

Db 20 NGTFSSNNNSNCTIENFKKEFPPIVYLIFFWGVGNGLSIYFLOPYKKSSTVNVFMNL 79

QY 65 LSVSDLAFLCTLPMLIRSYANG-NWYGDVLCISNRVYLANLYSILFLTFISIDRYLI 123

Db 80 LAISDLFLISTLPFRADYLRGSNMIFGDLACRIMSYSLVNMYSIYFLTVLSVRFLA 139

QY 124 IKYPR-EBLLQKEFAILISLAIWLVTLLEPLIPINPVITDNGTCONDPASSGDPN 182

Db 140 MHPFRLHVTIRSAMILCGI-IWILIMASSIML-----DSGSQNGSVTS---- 186

QY 183 YNLIYSMCLTL-----LGFLIPLFVWCFYYK-IALFLKORNRQVATA 224

Db 187 -----CLELNLYKIATKQTMNYIALVVGCLLPFTLSICVLLIRVLKVEVPESGLR 239

Qy 184 NLIYSMCLTLLGLIP-LEVMCFEYKIALFLKORNOVATALLPEKPLNIVIMAVIF 241
Db 186 VLVLVHVSLEFVGFIEFVILVICYMTIILTKSMKKNLSH---KKAIGMIVVTAA 242
Qy 242 SVPEFTHYHWRNRIRASRLGSMKQOCTOV-INSFIYTRPLAFINSVINPFYFLGD 300
Db 243 LVSFMPYHQRTHLHPLHNETH-PCDSVLRMQKSVITLTLASNCPCDFPILYFSSG 300
Qy 301 HFRDMLNQLRHNFKSLTSFSR 322
Db 301 NFRKRLSTRKSHLSVTYPR 322

RESULT 11
US-09-827-937A-17
Sequence 17, Application US/09827937A
Patent No. US20020052043A1
GENERAL INFORMATION:
APPLICANT: Li, Yi
APPLICANT: Ruben, Steven M.
TITLE OF INVENTION: Human G-Protein Coupled Receptors
FILE REFERENCE: 1488.1220003
CURRENT APPLICATION NUMBER: US/09/827,937A
CURRENT FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: 08/952,824
PRIOR FILING DATE: 1997-05-07
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentn Ver. 2.0
SEQ ID NO 17
LENGTH: 348
TYPE: PRT
ORGANISM: Homo sapiens
US-09-827-937A-17

Query Match 19.8%; Score 346; DB 10; Length 348;
Best Local Similarity 28.7%; Pred. No. 1.5e-22;
Matches 95; Conservative 69; Mismatches 135; Indels 32; Gaps 10;
Qy 15 LAEALAEKYLSIFGYIEFVGVGLNTIVVGYIFSLKMNSSNIYLFNLSVSDLAFLC 74
Db 20 LVANHSTARIWPLHYSLVFTIGLVGNLALVIVORRKINSTLSTLVSDILEFTT 79
Qy 75 TLEMLIRSYANG-NWITYGDLICISNRVYLANLYTSILFLTFISIDRYLIKYPREHLL 133
Db 80 ALPRTIAYAMGDMRIDGALCRITLALVFYINTYAGNFTCTSIDRFLAVHPLKYNKI 139
Qy 134 QKKEPILISLAIWLVTELLPILPINVTIDNG--TTQNDPSSGDPNNLYISMCL 191
Db 140 KRIEHAQVCIFWMIIVFAQTLP--LINPMSKQEAERITCMEY-----PNFEETKSLPW 192
Qy 192 TLL-----GFLILFVWCFYFYKIALFLKORNOVATALLPEKPLNIVIMAV 239
Db 193 ILLGACFIEGLVPLIITIKICYSQICCLFRTAQ---NPLETKSGVKNKALNTIILIV 248
Qy 240 IFSVPTPYHWRNRIRASRLGSMKQOCTOVVINSFY---VTRPLAFINSVINPFYF 296
Db 249 VFVLCFTPHVAIIQHMIKKLRFSNPLESQ--RHSFOISLHFTVCLMNPNCMDPFIY 306
Qy 297 LIGDHFRLMNLQRNFK-SLTSFSRWAHE 326
Db 307 FACKGYKRYMRMLKROVSIVSISAVKSAPE 337

RESULT 12
US-09-828-478-4
Sequence 4, Application US/09828478
Patent No. US20020155528A1
GENERAL INFORMATION:
APPLICANT: Xiao, Yonghong
TITLE OF INVENTION: Regulation of Human CysLT2-Like GPCR
FILE REFERENCE: 04974.00458
CURRENT APPLICATION NUMBER: US/09/828,478

Qy 184 NLIYSMCLTLLGLIP-LEVMCFEYKIALFLKORNOVATALLPEKPLNIVIMAVIF 241
Db 186 VLVLVHVSLEFVGFIEFVILVICYMTIILTKSMKKNLSH---KKAIGMIVVTAA 242
Qy 242 SVPEFTHYHWRNRIRASRLGSMKQOCTOV-INSFIYTRPLAFINSVINPFYFLGD 300
Db 243 LVSFMPYHQRTHLHPLHNETH-PCDSVLRMQKSVITLTLASNCPCDFPILYFSSG 300
Qy 301 HFRDMLNQLRHNFKSLTSFSR 322
Db 301 NFRKRLSTRKSHLSVTYPR 322

Query Match 19.3%; Score 338; DB 9; Length 339;
Best Local Similarity 27.5%; Pred. No. 7.1e-22;
Matches 84; Conservative 65; Mismatches 126; Indels 30; Gaps 6;

Qy 18 EALEKYYSIFGYIEFVGVGLNTIVVGYIFSLKMNSSNIYLFNLSVSDLAFLCTLP 77
Db 26 EPELENMLFASFYLDIFLALVGNLTALWLFTRDHKSGTPAVVFLMHLAVADLSCVLVP 85
Qy 78 -MLIRSYANGNMYGDLICISNRVYLANLYTSILFLTFISIDRYLIKYPREHLLQKK 136
Db 86 TRLVHFSGNHMPFGEIACRLTGFLYLMVASYIFLCTISADRFALIVHPKSLKLRP 145
Qy 137 EFAILISLAIWLVTELLPILPINVTIDNGTTQNDPSSGDPNNLYISMCLTLGF 196
Db 146 LVANLACAFMLWVAVAMAPLVSPTVOTNHTVCLQYREKASHALV---SLAVAF 201
Qy 197 LIPFVWCFEYKIALFLKORNOVATALLPEKPL-----NIVIMAVIFSVPFPHYH 251
Db 202 TPEPFIITVVCYLLIRSLAQ-----GLRVEKRLTKAVRMALIVLFLVCFVYHYH 254
Qy 252 RNVRIASRLGSMKQO-----CTQVINSFYIVTRPLAFINSVINPFYFLGDHFRM 305
Db 255 RSVYLV-----HYRSHGASCATORILANRITSCLTSLNGADLPIMYFVAEKFRHA 307
Qy 306 LMNQL 310
Db 308 LCNLL 312

RESULT 13
US-09-848-889-12
Sequence 12, Application US/09848889
Patent No. US2002025555A1
GENERAL INFORMATION:
APPLICANT: Au-Young, Janice
APPLICANT: Guegler, Karl J.
APPLICANT: Cheng, Muzong
TITLE OF INVENTION: GPCR DIAGNOSTIC FOR BRAIN CANCER
FILE REFERENCE: PC-0042 CIP
CURRENT APPLICATION NUMBER: US/09/848,889
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PERL Program
SEQ ID NO 12
LENGTH: 339
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US2002025555A1 9992700
US-09-848-889-12

Query Match 19.3%; Score 338; DB 10; Length 339;
Best Local Similarity 27.5%; Pred. No. 7.1e-22;
Matches 84; Conservative 65; Mismatches 126; Indels 30; Gaps 6;
Qy 18 EALEKYYSIFGYIEFVGVGLNTIVVGYIFSLKMNSSNIYLFNLSVSDLAFLCTLP 77
Db 26 EPELENMLFASFYLDIFLALVGNLTALWLFTRDHKSGTPAVVFLMHLAVADLSCVLVP 85

